12367

UNITED STATES — EAST COAST
CONNECTICUT - NEW YORK

NORTH SHORE OF LONG ISLAND SOUND
GREENWICH POINT TO NEW ROCHELLE

Mercator Projection
Scale 1:20,000
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

Nautical Miles
Yards

CAUTION
CHANGES in BUOYAGE
Mariners are reminded that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: lateral port hand buoys to green, black and white vertically striped buoys to red and white vertically striped buoys; and lateral starboard hand buoys to red in color, as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center, weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service stations listed below provide continuous marine weather broadcasts. The range of reception is variable, but 1-4 most stations is usually 20 to 40 miles from the antenna site.

New York, N.Y.	KWO-35	162.55 MHz
Riverhead, N.Y.	WXM-80	162.475 MHz

CAUTION
Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Publication 117.
Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus:
⊙(Accurate location) ⊙(Approximate location)

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

CAUTION
For bascule bridges, whose spans do not open to a full vertical position, unlimited overhead clearance is not available for the entire charted horizontal clearance when the bridge is open, due to the inclinations of the draw spans over the channel.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):
AERO aeronautical; Al alternating; B black; Bn beacon; C can; DIA diaphone; E Mi equal interval (flash); F fixed; Fl flashing; G green; Gp group; IQ interrupted quick; Iso isophase (E Mi); LT HO lighthouse; M nautical mile; m minutes; MICRO TR microwave tower; Mkr marker; Mo (morse code); N nun; OBSC obscured; Oc occulting; O orange; Q quick; R red; Ra Ref radar reflector; R Bn radiobeacon; R TR radio tower; Rot rotating; S seconds; SEC sector; St M statute miles; VQ very quick; W white; WHIS whistle; Y yellow.

Bottom characteristics:
Bld boulders; Co coral; Cy clay; Gr gravel; Grs grass; M mud; Oys oysters; Rk rock; S sand; sft soft; Sh shells; sty sticky.

Miscellaneous:
AUTH authorized; Obstn obstruction; ED evidence doubtful; PA position approximate; PD position doubtful; Rep reported; Subm submerged; ⚓ Wreck, rock, obstruction, or shoal swept clear to the depth indicated; ⓤ Rocks that cover and uncover, with heights in feet above datum of soundings.
COLREGS International Regulations for Preventing Collisions at Sea, 1972.

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers and U.S. Coast Guard.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 2 for important supplemental information.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

CAUTION
Mariners are warned to stay clear of the protective riprap surrounding navigational light structures, shown thus ⊙.

LOGARITHMIC SPEED SCALE
To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.
During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

RACING BUOYS
Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other privately maintained buoys are not all listed in the U.S. Coast Guard Light List.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.913" northward and 1.538" eastward to agree with this chart.

NOTE A
Navigation regulations are published in Chapter 2 U.S. Coast Pilot 2. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 1st Coast Guard District in Boston, MA, or at the Office of the District Engineer, Corps of Engineers in New York, NY.
Refer to charted regulation section numbers.

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

TIDAL INFORMATION

Place	Height referred to datum of soundings (MLW)			
Name (LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
	feet	feet	feet	feet
Stamford (41°02'N/73°33'W)	7.8	7.7	0.3	4.0
Cos Cob, Harbor (41°02'N/73°36'W)	7.9	7.5	0.3	4.0
Great Captain Island (40°59'N/73°37'W)	7.9	7.6	0.3	4.0
Rye, Playland (40°58'N/73°40'W)	7.9	7.5	0.3	4.0
New Rochelle (40°54'N/73°50'W)	7.9	7.6	0.3	4.0

(SMC)

MAMARONECK HARBOR
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 1981
CONTROLLING DEPTHS FROM SEAWARD, IN FEET AT MEAN LOWER LOW WATER (MLLW)

NAME OF CHANNEL	DEPTH MLLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
ENTRANCE TO INTERSECTION OF EAST AND WEST BRANCHES	8.0	90-100	4-79
EAST BRANCH TO HEAD OF PROJECT	6.1	80	4-79
BRANCH CHANNEL NORTH OF THE EAST BASIN	7.3	80	4-79
EAST BASIN (WITHIN 40'N, 73°43'51"W)	6.2		4-79
WEST BRANCH CHANNEL	8.0	80	(1963-81
WEST BASIN	6.0	150	5-81

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE.

LARCHMONT HARBOR BEACONS
The beacons on North Ledge and on Umbrella Rock are lighted from May 10 to September 15 by the Larchmont Yacht Club.

ECHO BAY HARBOR
The controlling depth at M.L.L.W. was 8½ feet for a mid-width of 50 feet to Turning Basin at Beaufort Pt. and 7 feet in Turning Basin.
Oct 1985

PORT CHESTER HARBOR
The controlling depths at M.L.W. were 11 feet for a mid-width of 75-50 feet to 40°59'43"N/73°39'18"W, thence 10 feet for a mid-width of 50 feet to the bridge, thence 9½ feet for a mid-width of 50 feet to the turning basin.
May 1990

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AIDS TO NAVIGATION
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CAUTION
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PORT CHESTER
BYRAM
GREENWICH
RYE
MAMARONECK
LARCHMONT
NEW ROCHELLE
DAVENPORT NECK
MANURSING
East Island
LONG ISLAND SOUND

Nautical Miles
Yards
(LIONS CHART U366)

18th Ed., Aug. 4/90 ■
12367

CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

SOUNDINGS IN FEET

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG2), National Ocean Service, NOAA, Rockville, Maryland 20852.

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

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SOUNDINGS IN FEET

Nautical Chart Catalog No. 1, Panel 1

CAUTION
CHANGES in BUOYAGE
Mariners are advised that buoys/aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

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ND SOUND
HELLE

TIDAL INFORMATION

Place	Lat. / Long.	Mean High Water	Higher High Water	Mean Low Water	Extreme Low Water
		feet	feet	feet	feet
ort	°52'N/73°33'W	7.8	7.7	0.3	-4.0
ck Island	°51'N/73°36'W	7.6	7.5	0.3	-4.0
	°51'N/73°37'W	7.9	7.6	0.3	-4.0
Captain Island	°50'N/73°37'W	7.9	7.5	0.3	-4.0
Island	°50'N/73°40'W	7.9	7.6	0.3	-4.0
Rumney	°54'N/73°50'W				

PORT CHESTER HARBOR
The controlling depths at M.L.W. were 11 feet for a mean width of 75-50 feet to 42°53'23"N, 73°39'05.9"W, thence 10 feet for a mid-width of 50 feet to the bridge; thence 8½ feet for a mid-width of 50 feet to the turning basin.
May 1956

PORT CHESTER
BYRAM
GREENWICH
STAMFORD
RYE
MAMARONECK
MANURSING I.
CAPTAIN I.
GREENWICH COVE
LONG ISLAND SOUND
LONG ISLAND
MILL NECK
OAK NECK
Dosoris Pond
Playland Lake
Nautical Miles
Yards

(USING CHART 12364)

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

FATHOMS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
FEET 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108
METERS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

(Greenwich Pt. to New Rochelle)
SOUNDINGS IN FEET - SCALE 1:20,000

12367